

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)


NAME Union Oil Company of California  
 ADDRESS Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Trading Bay Production Facility  
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

(2-16)			(17-19)			
AKG-31-5002			015			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	07	01		08	07	31
(20-21)		(22-23)	(24-25)	(26-27)		(28-29) (30-31)

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53)			(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS						
015 Produced Water Flow Rate*	SAMPLE MEASUREMENT	4.263270	4.478964	MGD								Weekly	Estimate	
	PERMIT REQUIREMENT	Report	Report	MGD								Weekly	Estimate	
015 Produced Water Produced Sand	SAMPLE MEASUREMENT							No Discharge						
	PERMIT REQUIREMENT							No Discharge						
015 Produced Water pH** Flow Rate >1 mgd	SAMPLE MEASUREMENT				7			8	su			4 / Month	Grab	
	PERMIT REQUIREMENT				6			9	su			Weekly	Grab	
015 Produced Water Oil and Grease***	SAMPLE MEASUREMENT					16		18	mg/l			Weekly	Grab Average	
	PERMIT REQUIREMENT					29		42	mg/l			Weekly	Grab Average	
015 Produced Water Copper	SAMPLE MEASUREMENT					7		7	ug/l			Monthly	Grab	
	PERMIT REQUIREMENT					47		117	ug/l			Monthly	Grab	
015 Produced Water Manganese	SAMPLE MEASUREMENT					2		2	mg/l			Monthly	Grab	
	PERMIT REQUIREMENT					25		50	mg/l			Monthly	Grab	
015 Produced Water Mercury	SAMPLE MEASUREMENT					0.2		0.2	ug/l			Monthly	Grab	
	PERMIT REQUIREMENT					0.6		1.0	ug/l			Monthly	Grab	
015 Produced Water Silver	SAMPLE MEASUREMENT					1		1	ug/l			Monthly	Grab	
	PERMIT REQUIREMENT					23		47	ug/l			Monthly	Grab	
015 Produced Water Zinc	SAMPLE MEASUREMENT					0.005		0.005	mg/l			Monthly	Grab	
	PERMIT REQUIREMENT					0.9		1.9	mg/l			Monthly	Grab	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						 Dale A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
(907) 276-7600										08	08	20		
TYPED OR PRINTED								AREA CODE		NUMBER		YEAR	MO	DA


COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

See Trading Bay Production Facility Page 3 of 3 for comments.

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[illegible]

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 Dale A. Haines		TELEPHONE		DATE		
John Zager General Manager Mid Continent/Alaska Business Unit		(907) 276-7600		08	08	20		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DA	

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

\*Identified as the most sensitive species.

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COMMENTS PAGE 3 OF 3

- \* Flow rates include deck drainage from Dolly Varden, Grayling, King Salmon, Monopod, and Steelhead Platforms.  
 Estimated-workover fluid flow rate: **0.026124 MGD**  
 Estimated completion fluid flow rate: **0.028770 MGD**
- \*\* Frequency of pH measurement has been increased to more closely monitor water quality.
- \*\*\* Per Permit instructions weekly samples consist of an average of 4 grab samples over a 24 hour period.

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  John Zager General Manager Mid Continent/Alaska Business Unit	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	 Dale A. Haines SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
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